Information Processing Letters 32 (1989) 331–332
North-Holland

AUTHOR INDEX VOLUME 32 (1989)

(The issue number is given in front of the page number)

Abiteboul, S., M. Gyssens and **D. van Gucht**, An alternative way to represent the cogroup of a relation in the context of nested databases (6) 317–324
Abiteboul, S., Boundedness is undecidable for Datalog programs with a single recursive rule (6) 281–287
Ahmed, K.U., *see* **Sagar, G.** (3) 151–153
Alblas, H., Optimal incremental simple multi-pass attribute evaluation (6) 289–296
Atallah, M.J. and **D.Z. Chen**, An optimal parallel algorithm for the minimum circle-cover problem (4) 159–165

Baron, G. and **F. Urbanek**, Factorial languages with quadratically upper bounded growth functions and nonlinearly upper bounded subword complexities (5) 267–269
Barrington, D.A.M. and **J. Corbett**, On the relative complexity of some languages in k^1 (5) 251–256
Bern, M. and **P. Plassmann**, The Steiner problem with edge lengths 1 and 2 (4) 171–176
Bestougeff, H., *see* **Ligozat, G.** (4) 177–182
Biskup, J., Boyce–Codd normal form and object normal forms (1) 29– 33
Blass, A. and **Y. Gurevich**, On Matijasevitch's nontraditional approach to search problems (1) 41– 45
Boxer, L. and **R. Miller**, A parallel circle-cover minimization algorithm (2) 57– 60

Chakrabarti, P.P., S. Ghose, A. Pandey and **S.C. de Sarkar**, Increasing search efficiency using multiple heuristics (Corrigenda) (4) 275
Chen, D.Z., *see* **Atallah, M.J.** (4) 159–165
Chen, G.H., *see* **Chen, Y.C.** (2) 89– 93
Chen, G.H., *see* **Chern, M.-S.** (2) 61– 71
Chen, Y.C., Z.C. Yeh and **G.H. Chen**, Using fewer processors to reduce time complexities of semigroup computations (2) 89– 93
Chern, M.-S., G.H. Chen and **P. Liu**, An LC branch-and-bound algorithm for the module assignment problem (2) 61– 71
Cheston, G.A., A. Farley, S.T. Hedetniemi and **A. Proskurowski**, Centering a spanning tree of a biconnected graph (5) 247–250
Choi, H.K. and **M. Kim**, Hybrid join: An improved sort-based join algorithm (2) 51– 56
Clouâtre, A., N. Laliberte and **T.H. Merrett**, A general implementation of relational recursion with speedup techniques for programmers (5) 257–262
Corbett, J., *see* **Barrington, D.A.M.** (5) 251–256
Cull, P. and **J.L. Holloway**, Computing Fibonacci numbers quickly (3) 143–149

Damaschke, P., The Hamiltonian circuit problem for circle graphs is NP-complete (1) 1– 12
Demolombe, R. and **A. Illarramendi**, Heuristics for syntactical optimization of relational queries (6) 313–316
de Sarkar, S.C., *see* **Chakrabarti, P.P.** (5) 275
Drysdale, III, R.L. and **J.W. Jaromczyk**, A note on lower bounds for the maximum area and maximum perimeter k-gon problems (6) 301–303

Eğecioğlu, Ö. and **B. Kalantari**, Approximating the diameter of a set of points in the Euclidean space (4) 205–211
Ellis, J.A., M. Mata and **G. Macgillivray**, A linear time algorithm for longest (s, t)-paths in weighted outerplanar graphs (4) 199–204
Everett, H. and **A. Gupta**, Acyclic directed hypercubes may have exponential diameter (5) 243–245

Farley, A., *see* **Cheston, G.A.** (5) 247–250
Feitelson, D.G. and **L. Rudolph**, Implementation of a wait-free synchronization primitive that solves n-process consensus (2) 81– 83
Francez, N., Cooperating proofs for distributed programs with multiparty interactions (5) 235–242

Ganapathi, M., *see* **Richardson, S.** (3) 137–142
Ghose, S., *see* **Chakrabarti, P.P.** (5) 275
Gibbons, A.M. and **Y.N. Srikant**, A class of problems efficiently solvable on mesh-connected computers including dynamic expression evaluation (6) 305–311
Goscinski, A., A synchronization algorithm for processes with dynamic priorities in computer networks with node failures (3) 129–136
Gunther, N., Path integral methods for computer performance analysis (1) 7– 13
Gupta, A., *see* **Everett, H.** (5) 243–245

Gurevich, Y., *see* **Blass, A.** (1) 41– 45
Gyssens, M., *see* **Abiteboul, S.** (6) 317–324

Hagerup, T., Hybridsort revisited and parallelized (1) 35– 39
Harn, L., *see* **Laih, C.S.** (3) 95– 99
Hedetniemi, S.T., *see* **Cheston, G.A.** (5) 247–250
Holloway, J.L., *see* **Cull, P.** (3) 143–149
Huang, S.-T., Termination detection by using distributed snapshots (3) 113–119

Illarramendi, A., *see* **Demolombe, R.** (6) 313–316
Iwano, K., An improvement of Goldberg, Plotkin and Vaidya's maximal node-disjoint paths algorithm (1) 25– 27
Iyengar, S.S., *see* **Sharma, M.B.** (4) 183–186

Janiak, A., Minimization of resource consumption under a given deadline in the two-processor flow-shop scheduling problem (3) 101–112
Jaromczyk, J.W., *see* **Drysdale, III, R.L.** (6) 301–303

Kalantari, B., *see* **Eğecioğlu, Ö.** (4) 205–211
Kemp, R., A one-to-one correspondence between two classes of ordered trees (5) 229–234
Kim, G.C., *see* **Kim, Y.J.** (2) 73– 80
Kim, M., *see* **Choi, H.K.** (2) 51– 56
Kim, Y.J. and **G.C. Kim**, Coordinator: A modification to the monitor concept (2) 73– 80
Kochol, M., Efficient monotone circuits for threshold functions (3) 121–122

Laih, C.S., J.Y. Lee and **L. Harn**, A new threshold scheme and its application in designing the conference key distribution cryptosystem (3) 95– 99
Laliberte, N., *see* **Clouâtre, A.** (5) 257–262
Lee, J.Y., *see* **Laih, C.S.** (3) 95– 99
Ligozat, G. and **H. Bestougeff**, On relations between intervals (4) 177–182
Lingas, A., Voronoi diagrams with barriers and the shortest diagonal problem (4) 191–198
Liu, P., *see* **Chern, M.-S.** (2) 61– 71
Lloyd, E.L., A fast algorithm for finding interlocking sets (1) 47– 50

Macgillivray, G., *see* **Ellis, J.A.** (4) 199–204
Mäkinen, E., On the subtree isomorphism problem for ordered trees (5) 271–273
Mandyam, N.K., *see* **Sharma, M.B.** (4) 183–186
Mata, M., *see* **Ellis, J.A.** (4) 199–204
Matoušek, J., On-line computation of convolutions (1) 15– 16
Merrett, T.H., *see* **Clouâtre, A.** (5) 257–262
Miller, R., *see* **Boxer, L.** (2) 57– 60
Morris, J.M., Well-founded induction and the invariance theorem for loops (3) 155–158

Narasimhan, G., A note on the Hamiltonian circuit problem on directed path graphs (4) 167–170

Padberg, M. and **A. Sassano**, The complexity of matching with bonds (6) 297–300
Pandey, A., *see* **Chakrabarti, P.P.** (5) 275
Plassmann, P., *see* **Bern, M.** (4) 171–176
Proskurowski, A., *see* **Cheston, G.A.** (5) 247–250

Richardson, S. and **M. Ganapathi**, Interprocedural analysis vs. procedure integration (3) 137–142
Roberts, G.H., Another note on recursive ascent (5) 263–266
Rudolph, L., *see* **Feitelson, D.G.** (2) 81– 83

Sagar, G., A.K. Sarje and **K.U. Ahmed**, On module assignment in two-processor distributed systems: A modified algorithm (3) 151–153
Sandhu, R.S., The demand operation in the schematic protection model (4) 213–219
Sarje, A.K., *see* **Sagar, G.**) 151–153
Sarkar, D. and **I. Stojmenović**, An optimal parallel circle-cover algorithm (1) 3– 6
Sassano, A., *see* **Padberg, M.** (6) 297–300
Sharir, M., A note on the Papadimitriou–Silverberg algorithm for planning optimal piecewise-linear motion of a ladder (4) 187–190
Sharma, M.B., S.S. Iyengar and **N.K. Mandyam**, An efficient distributed depth-first-search algorithm (4) 183–186
Shiraishi, S., A parallel algorithm for the maximum 2-chain edge packing problem (6) 277–279
Sistla, A.P., On verifying that a concurrent program satisfies a nondeterministic specification (1) 17– 23
Skiena, S.S., Reconstructing graphs from cut-set sizes (3) 123–127
Srikant, Y.N., *see* **Gibbons, A.M.** (6) 305–311
Stojmenović, I., *see* **Sarkar, D.** (1) 3– 6

Toyama, Y., Fast Knuth–Bendix completion with a term rewriting system compiler (6) 325–328

Urbanek, F., *see* **Baron, G.** (5) 267–269

van den Bos, J., PROCOL: A protocol-constrained concurrent object-oriented language (5) 221–227
van Gucht, D., *see* **Abiteboul, S.** (6) 317–324
Veroy, B.S., Optimal search algorithm for a minimum of a discrete periodic bimodal function (Corrigenda), and Average complexity of divide-and-conquer algorithms (Corrigenda) (6) 329

Wolfram, D.A., Forward checking and intelligent backtracking (2) 85– 87

Yeh, Z.C., *see* **Chen, Y.C.** (2) 89– 93